

AGENDA: October 22, 2002

4.5

CATEGORY: Consent

DEPT.: Public Works

TITLE: Grant Road Traffic Signal Interconnect,
Project 03-32—Approve Plans and
Authorize Bidding

RECOMMENDATION

Approve plans and specifications for Grant Road Traffic Signal Interconnect, Project 03-32, and authorize staff to advertise for bids.

FISCAL IMPACT

Grant Road Traffic Signal Interconnect, Project 03-32, is an approved project in the 2002-03 Capital Improvement Program (CIP) with a total budget of \$420,000 funded from a Transportation Fund for Clean Air (TFCA) Grant (\$250,000); the CIP Reserve Fund (\$56,000); gas tax (\$70,000); and contribution from the City of Los Altos (\$44,000). The project limits are from Bentley Square in Mountain View to Oak Avenue in Los Altos. Funding from the City of Los Altos will cover the cost of the work not covered by the TFCA Grant for their intersections at Grant Road/Covington Avenue and Grant Road/Oak Avenue.

BACKGROUND AND ANALYSIS

Grant Road currently carries 23,000 to 30,000 vehicles per day between Oak Avenue in Los Altos and El Camino Real and is a major arterial providing access to neighborhoods, schools, parks and El Camino Hospital. While most commute traffic in the morning peak hour is northbound on Grant Road, southbound traffic is also heavy due to hospital employees and residents driving their children to school. During the evening commute hours, the heaviest traffic movement is in the southbound direction.

The traffic signals along Grant Road are interconnected with equipment originally installed in 1981. This equipment is failing and replacement parts are not available. The proposed replacement interconnect system will use the latest state-of-the-art traffic signal controllers and traffic management software to synchronize all the traffic signals along Grant Road between Bentley Square and Oak Avenue in Los Altos.

Staff is requesting approval of the plans and specifications for the Grant Road Traffic Signal Interconnect, Project 03-32, and authorization to call for bids.

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The estimated cost for this project is as follows:

Construction	\$300,000
Construction Contingency	30,000
Design	45,000
Inspection/Testing	<u>19,000</u>
Subtotal	\$394,000
City Administration @ 6.5%	<u>26,000</u>
TOTAL	<u>\$420,000</u>

Construction is scheduled to begin early 2003 and be completed by fall 2003.

PUBLIC NOTICING—Agenda posting.

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DB/6/CAM
953-10-22-02M-E^

cc: APWD—Ko, TE, STE, CE, F/c